Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.		No.	2578-3833.9US	`
First In	ventor	Fall	aux et. al.	
Title			SYSTEMS FOR HUMAN RECOMBINANT S TO BE USED IN GENE THERAPY	
_	14.71.1		E14.040044000410	_

701117 101 11		applications unde		.00(0)/						_
APPLICATION ELEMENTS ADDRESS						ESS TO	. с	lail Stop Patent a commissioner for .O. Box 1450		
See MPEP c	hapter 600 conce	ming utility patent	application co	ontents.					2313-1450	
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 52] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description						7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R.§3.73(b) Statement Power of				
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4. D 5. Oath or I a.	- Abstract of the Disclosure Drawing(s) (35 U.S.C.113)							1		
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⊠ Custon	☐ Correspondence address below Customer Number or Bar Code Label 24247 PATENT TRADEMARK OFFICE Correspondence address below									
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Country	ountry Telephone Fax									
Name (Pr	int/Type)	Andrew F. Nille	es		Registratio	n No. (Attorr	ney/A	gent)	47,825	
Signature		AMS F. Willis			<i>,</i>			Date	July 11, 2003	

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	Complete if Known				
FEE TRANSMITTAL	Application Number	Not yet assigned			
for FY 2003	Filing Date	July 11, 2003			
	First Named Inventor	Fallaux et. al.			
Effective 01/01/2003. Patent fees are subject to annual revision.	Examiner Name	Unknown			
☐ Applicant claims small entity status. See 37 CFR 1.27	Group / Art Unit	Unknown			
TOTAL AMOUNT OF PAYMENT (\$) 750	Attorney Docket No.	2578-3833.9US			

ME		FEE CALCULATION (continued)							
M. Charle C. Cradit card C. Manay C. Other C. Nana				3. ADDITIONAL FEES					
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order				Large Entity Small Entity					
☐ Deposit Accou		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description Fee Paid			
Deposit	20.4455		1051	130	2051	65	Surcharge - late filing fee or oath		
Account Number	Account 20-1469						Surcharge - late provisional filing fee or cover sheet.		
Deposit	Γ		1053	130	1053	130	Non-English specification		
Account	TraskBritt		1812	2,520	1812	2,520	For filing a request for reexamination		
Name The Commission	er is author	ized to: (check all that apply)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s)	indicated bel	ow Credit any overpayments i) during the pendency of this application	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
☐ Charge fee(s) indicated below, except for the filing fee 1251 110 22				2251	55	Extension for reply within first month			
to the above-iden		account. E CALCULATION	1252	410	2252	205	Extension for reply within second month		
BASIC FII			1253	930	2253	465	Extension for reply within third month	1	
Large Entity	Small Entity		1254	1,450	2254	725	Extension for reply within fourth month		
	Fee Fee Code (\$)	Fee Description Fee Paid	1255	1,970	2255	985	Extension for reply within fifth month	1	
	2001 375	Utility filing fee 750	1401	320	2401	160	Notice of Appeal		
	2001 375	Design filing fee	1402	320	2402	160	Filing a brief in support of an appeal	1	
1	2002 160	Plant filing fee	1403	280	2403	140	Request for oral hearing	1	
1004 750	2004 375	Reissue filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
1005 160	2005 80	Provisional filling fee	1452	110	2452	55	Petition to revive – unavoidable	1	
	SUBTO	OTAL (1) (\$) 750	1453	1,300	2453	650	Petition to revive – unintentional	-	
			1501	1,300	2501	650	Utility issue fee (or reissue)	┨	
2. EXTRA CLAI	M FEES	Extra Fee from Fee	1502	470	2502	235	Design issue fee	-	
		Extra Fee from Fee Claims below Paid	1503	630	2503	315	Plant issue fee	+	
Total Claims 20	-20 **	= 0 X 18 = 0	1460	130	1460	130	Petitions to the Commissioner	1	
Independent		= 0 x 84 = 0	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q) Submission of Information Disclosure	1	
Claims 2	-3**		1806	180	1806	180	Stmt	-	
Multiple Dependent Large Entity	ı Small E	X = 0	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		
Fee Fee Code (\$)	Fee Code	Fee Fee Description	1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))		
1202 18	2202	9 Claims in excess of 20	1810	750	2810	375	For each additional invention to be		
1201 84	2201	42 Independent claims in excess of 3					examined (37 CFR § 1.129(b))	4	
1203 280	2203	140 Multiple dependent claim, if not pa		750	2801	375	Request for Continued Examination (RCE)		
1204 84	2204	42 ** Reissue independent claims ov original patent	1802	900	1802	900	Request for expedited examination of a design application	1	
1205 18	2205	9 ** Reissue claims in excess of 20 over original patent		fee (spec	cify)	_		1	
		SUBTOTAL (2) (\$) 0		luced by E	•	na Fee F	Paid SUBTOTAL (3) (\$) 0		
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**or number pre	eviously paid,	if greater; For Reissues, see above			_			_	

SUBMITTED BY	*			Co	omplete (if applicable)
Name (Print/Type)	Andrew F. Nilles	Registration No. Attorney/Agent)	47,825	Telephone	801-532-1922
Signature	Alus	Filler		Date	July 11, 2003

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